

**TRANSMITTAL LETTER TO THE UNITED STATES
DESIGNATED/ELECTED OFFICE (DO/EO/US)
CONCERNING A FILING UNDER 35 U.S.C. 371**

U.S. APPLICATION NO. (If known see 37 C.F.R. 1.5)

09/530074

INTERNATIONAL APPLICATION NO.

PCT/JP99/04562

INTERNATIONAL FILING DATE

24 AUGUST 1999

(EARLIEST) PRIORITY DATE CLAIMED

24 AUGUST 1998

TITLE OF INVENTION

**DATA-MODULATING APPARATUS, DATA-MODULATING METHOD, DATA-
DEMODULATING APPARATUS, DATA-DEMODULATING METHOD, AND DATA-PROVIDING
MEDIUM**

APPLICANTS FOR DO/EO/US

**Toshiyuki NAKAGAWA, Yoshihide SHINPUKU and Tatsuya
NARAHARA**

Applicants herewith submit to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3. ☒ This express request to begin national examination procedures (35 U.S.C. 371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(1).
4. ☐ A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.
5. ☒ A copy of the International Application as filed (35 U.S.C. 371(c)(2))
 - a. ☐ is transmitted herewith (required only if not transmitted by the International Bureau).
 - b. ☒ has been transmitted by the International Bureau.
 - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☒ A translation of the International Application into English (35 U.S.C. 371(c)(2)), including 3 sheets of formal drawings and a copy of the International Search Report.
7. ☒ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
 - a. ☐ are transmitted herewith (required only if not transmitted by the International Bureau).
 - b. ☐ have been transmitted by the International Bureau.
 - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
 - d. ☒ have not been made and will not be made.
8. ☐ A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. ☐ An oath or declaration of the inventors (35 U.S.C. 371(c)(4)).
10. ☐ The annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

Items 11. to 16. below concern other document(s) or information included:

11. ☒ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12. ☐ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. ☐ A **FIRST** preliminary amendment.
☐ A **SECOND** or **SUBSEQUENT** preliminary amendment.
14. ☐ A substitute specification.
15. ☐ A change of power of attorney and/or address letter.
16. ☒ Other items or information:

PCT/ISA/210, PCT/IB/301, 304, 308

PCT Request

References for IDS

EXPRESS MAILMailing Label Number: EL375197335USDate of Deposit: April 21, 2000

I hereby certify that this paper or fee is being deposited with the United States Postal Service

"Express Mail Post Office to Addressee" Service under 37 CFR 1.10 on the date indicated above and is addressed to the Assistant Commissioner for Patents and Trademarks, Box PCT Washington, DC 20231.

Edward Nay
(Typed or printed name of person mailing paper or fee)[Signature]
(Signature of person mailing paper or fee)

U.S. APPLICATION NO. (If known, see 37 CFR 1.50)

INTERNATIONAL APPLICATION NO.
PCT/JP99/04562ATTORNEY'S DOCKET NO.
101-02031

09/53007

17. ☒ The following fees are submitted:

(CALCULATIONS /PTO USE ONLY)

Basic National Fee (37 CFR 1.492(a)(1)-(5):

Search Report has been prepared by the EPO or JPO.....\$840.00 (\$840.00)

International preliminary examination fee paid to USPTO (37 CFR 1.482) (\$700.00)

No international preliminary examination fee paid to USPTO (37 CFR 1.482)
but international search fee paid to USPTO (37 CFR 1.445(a)(2))...\$770.00 (Neither international preliminary examination fee (37 CFR 1.482) nor
international search fee (37 CFR 1.445(a)(2)) paid to USPTO.....\$1040.00 (

International preliminary examination fee paid to USPTO (37 CFR 1.482) (

and all claims satisfied provisions of PCT Article 33(2)-(4).....\$96.00 (

ENTER APPROPRIATE BASIC FEE AMOUNT =

(\$ 840.00)

Surcharge of \$130.00 for furnishing the oath or declaration later than ☐ 20 ☐ 30 months from the earliest claimed priority date (37 CFR 1.492(e)). (\$ /

11 Claims /Number Filed / Number Extra /Rate (

Total Claims / 11 - 20 = / 0 /X \$18.00 (\$ 0.00)

Independent Claims / 6- 3 =/ 3 /X \$78.00 (\$ 234.00)

Multiple dependent claim(s) (if applicable) /+ \$260.00 (\$

TOTAL OF ABOVE CALCULATIONS =

(\$1,074.00)

Reduction by 1/2 for filing by small entity, if applicable. Verified Small Entity (statement must also be filed. (Note 37 CFR 1.9, 1.27, 1.28). (/

SUBTOTAL =

(\$1,074.00)

Processing fee of \$130.00 for furnishing the English translation later than ☐ 20 ☐ 30 months from the earliest claimed priority date (37 CFR 1.492(f)).+ (\$ /**TOTAL NATIONAL FEE =**

(\$1,074.00)

Fee for recording the enclosed assignments (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property + (\$ 0.00/ (\$ /

TOTAL FEES ENCLOSED =

(\$1,074.00)

(Amount to be: /
(refunded /\$
(charged /\$a. ☒ Our check in the amount of **\$1,074.00** to cover the above fees is enclosed.b. ☐ Please charge my Deposit Account No. 50-0320 in the amount of \$_____ to cover the above fees.
A duplicate copy of this sheet is enclosed.c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 50-0320. A duplicate copy of this sheet is enclosed.

NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.

SEND ALL CORRESPONDENCE TO:

WILLIAM S. FROMMER
FROMMER LAWRENCE & HAUG LLP
745 FIFTH AVENUE
NEW YORK, NEW YORK 10151

SIGNATURE

WILLIAM S. FROMMER
NAME

Dated: April 21, 2000

25,506
REGISTRATION NUMBER

Form PTO-1390 (REV 10-96)